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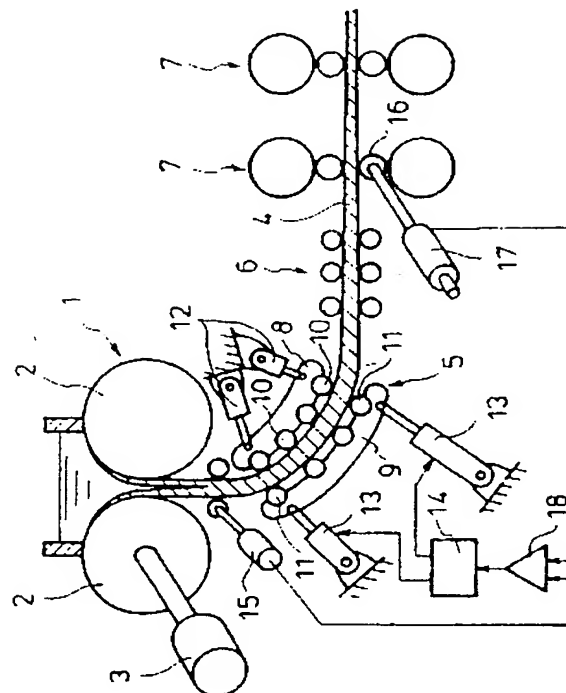
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TITLE : CASTING AND ROLLING
INSTALLATION



ABSTRACT : PURPOSE: To enable continuation of a continuous casting machine and rolling machine by grasping the casting steel sheet between a continuous casting machine and a rolling mill by means of support rolls and advancing and retreating the support rolls in accordance with the difference between a casting speed and rolling speed.

CONSTITUTION: The steel sheet 4 cast by the continuous casting machine 1 is fed via a support device 5 and a roller table 6 to the rolling mill 7, by which the steel sheet is rolled. The casting speed of the sheet 4 from the machine 1 is detected by a speed detector 15 and the rolling speed by a speed detector 17 via a work roll 16. The respective detected results are inputted to a calculator 8. The speed difference is calculated in the calculator 8 and is inputted to a control device 14. The device 14 advances and retreats the support rolls 11 to and from the sheet 4 in accordance with the speed difference, thereby absorbing the speed difference.

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